

Substitute for form 1449/PTO CHIEF INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>		
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: black; font-weight: bold; line-height: 1;"> MAR 29 2007 U.S. PATENT & TRADEMARK OFFICE </div> </div>				Application Number		10/827,072
				Filing Date		April 19, 2004
				First Named Inventor		Kumar et al.
				Art Unit		1745
				Examiner Name		Unknown
1		of	2	Attorney Docket Number		2950.19US02

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
Only		US-5,520,903	05-28-1996	Chang et al.
		US-		
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FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
Only		WO 98/24131	06-04-1998	Polystor Corp.	X
		CA 2,184,792	09-04-1996	Canon Kabushiki Kaisha	X
		JP 2000-12024	01-14-2000	Kao Corp.	Abstract Only

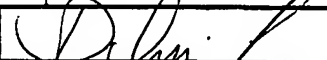
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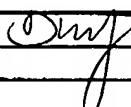
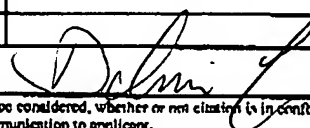
NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Dmy		BATES, "Thin-Film Rechargeable Lithium and Lithium-Ion Batteries" Internet Citation, September 1, 1998, XP002946201, Retrieved from the Internet: URL:HTTP://WWW.SSD.ORNL.GOV/BATTERYWEB/>, Retrieved on September 7, 1999, 19 pps.	

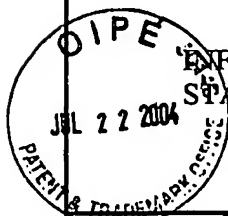
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Sheet	1	of	2		
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		Number-Kind Code ² (if known)			
		US- 6,274,271	08-14-2001	Kashiba et al.	
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Dmy		Chinese Application No. 018119352 Examination Report dated September 24, 2004.			
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Sheet

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of

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ^{2 (if known)}		
Dwy		US- 4,366,215	12/1982	Coetzer et al.
		US- 4,687,643	08/1987	Cortesi et al.
		US- 4,770,960	09/1988	Nagaura et al.
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		US- 5,601,796	02/1997	Frech et al.

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
Dwy		WO 96/12676	05/02/1996		
		WO 97/20773	06/12/1997		
		WO 97/37935	10/16/1997		
		WO 00/27754	05/18/2000		
		WO 00/46867	08/10/2000		

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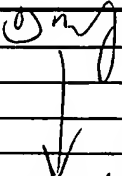
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Dwy		US- 5,614,472	03/1997	Riddle et al.
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		US- 5,641,465	06/1997	Ellgen et al.
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		US- 5,677,087	10/1997	Amine et al.
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		US- 5,783,333	07/1998	Mayer
		US- 5,795,558	08/1998	Aoki et al.
		US- 5,807,646	09/1998	Iwata et al.
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		US- 5,883,032	03/1999	Bogdan et al.
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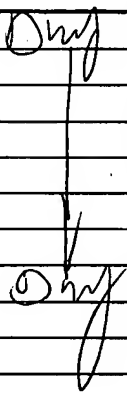
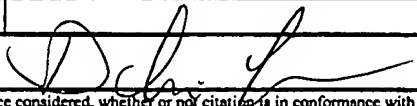
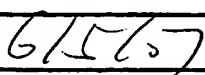
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		EP	0 492 880 A2	07/01/1992		
		EP	0 117 755 A2	09/05/1984		
		EP	0 820 113 A1	01/12/1998		
		EP	0 837 036 A1	04/22/1998	abstract	
		UK	2 299 988 A	10/23/1996		
		JP	2296732 A		abstract	

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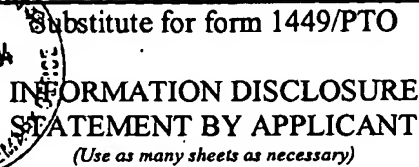
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		US- 5,952,125	09/1999	Bi et al.	
		US- 5,958,361	09/1999	Laine et al.	
		US- 5,965,293	10/1999	Idota et al.	
		US- 5,989,514	11/1999	Bi et al.	
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		COLBOW et al., "Structure and Electrochemistry of the Spinel Oxides LiTi ₂ O ₄ and Li _{4/3} Ti _{5/3} O ₄ ," Journal of Power Sources, 26, pp. 397-403, 1989			
		DARLING et al., "Modeling a Porous Intercalation Electrode with Two Characteristic Particle Sizes," Journal of the Electrochemical Society, Vol. 144, No. 12, pp. 4201-4208, December 1997			
		FERG et al., "Spinel Anodes for Lithium-Ion Batteries," The Electrochemical Society, Vol. 141, No. 11, pp. L147-L150, November 1994			
		INAGAKI et al., "Lithium Insertion into Vanadium Oxide Bronze Containing Nickel," Solid State Ionics 78, pp. 275-279, February 1995			
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		PERAMUNAGE et al., "Preparation of Micron-Sized Li ₄ Ti ₅ O ₁₂ and its Electrochemistry in Polyacrylonitrile Electrolyte-Based Lithium Cells," J. Electrochemical Society, Vol. 145, No. 8, pp. 2609-2622, August 1998			
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		TREUIL et al., "Relationship Between Chemical Bonding Nature and Electrochemical Property of LiMn ₂ O ₄ Spinel Oxides with Various Particle Sizes: Electrochemical Grafting Concept," J. Phys. Chem B, Vol. 103, No. 12, 1999, pp. 2100-2106			
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<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.</small></p> <p><small>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small></p> <p style="text-align: center;"><i>If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</i></p>					



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